



Woodstream Corporation
69 North Locust Street
Lititz, PA 17543

Material Safety Data Sheet

MSDS No: 258
Domestic Emergency Phone
International Emergency Phone
Information Phone
Intl Info Phone:

800-424-9300
703- 527-3887
800-800-1819
717-626-2125

SECTION I: MATERIAL IDENTIFICATION

Product Number/Size: 5160 8 Ounce (fluid)
Trade Name: Safer® Brand Caterpillar Killer
Also Known As: Caterpillar Killer Concentrate
Description: BTK Insecticide Concentrate
Chemical Composition: Bacillus thuringiensis
Regulatory Licenses: EPA Reg. No. 42697-23

SECTION II: INGREDIENTS

Non-Hazardous Component (s)	% BY WT	CAS #	Chemical Formula
Bacillus thuringiensis		N/A	N/A

SECTION III: PHYSICAL DATA

Boiling Point: 400°F	Viscosity: Not Determined
Vapor Pressure (mm Hg): Not Determined	Odor: Yeast-Like
Vapor Density (AIR=1): Not Determined	Specific Gravity (Water=1): 0.94
Bulk Density: 7.85 PPG	Percent, Volatile by Volume %: Not Determined
Freezing Point: Not Determined	Evaporation Rate (Xylene=1): Not Determined
Solubility in Water: Complete	Physical State: Liquid
Appearance: Tan to Brown Liquid	pH: 4-6.5

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): 360 F	NFPA Health Rating: 1
Autoignition Temp.: Not Determined	NFPA Fire Rating: 1
Flammable Lel: Not Determined	NFPA Reactivity Rating: 0
Flammable Uel: Not Determined	Extinguishing Material: CO2, dry chemical, foam, water
Hazardous Products of Combustion: Carbon Oxides	
Special Fire Fighting Procedures:	

SECTION V: HEALTH HAZARD DATA

General Statement: Material is not considered hazardous per 29 CFR 1910.1200. Avoid contact with skin, eyes and clothing.

Occupational Exposure Limit: See Section II

Effects of Over Exposure: None Expected

Carcinogenicity: None listed per OSHA, NTP, or IARC.

Chronic Effects: None Expected

Rec. Exp. Limits: See Section II

Potential Health Effects: None Expected

Acute Oral: >5000 mg/kg

Acute Dermal: >5000 mg/kg

Acute Inhalation: >2.0 mg/l

Eye Irritation: Not an Irritant

Skin Irritation: Slight Irritant

Sensitization: Not a Sensitizer

Route of Entry Symptoms/Effects of Overexposure First Aid

Skin	None Expected	Wash with plenty of soap and water. Get medical attention.
Inhalation	None Expected	Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
Eye	None Expected	Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
Ingestion	None Expected	If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person. Get medical attention.

SECTION VI: REACTIVITY DATA

Stability: Stable

Conditions to avoid: Excessive Heat

Materials to avoid: Concentrated mineral supplements (fertilizers), strong oxidizers, acids

Hazardous Decomposition: Will Not Occur

Conditions to avoid: Excessive Heat

Hazardous Polymerization: Will Not Occur

Conditions to avoid: Excessive Heat

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Rinse with abundant water and mop up.

Waste Disposal Method: This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

Product Disposal Method: PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL:
If Empty: Do not reuse this container. Place in trash or offer for recycling if available.
If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges

Protective Gloves: Not Required

Eye Protection: Not Required

Protective Clothing: Not Required

Ventilation: Not Required

Other Protective Equipment: None

Protection Note: Personal protection information provided in this Section is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

SECTION IX: SPECIAL PRECAUTIONS

Storage and Handling: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container. Avoid excessive temperatures and direct sunlight. Store below 110°F.

Other Precautions: None

Precaution Note: None

SECTION X: ECOLOGICAL INFORMATION

Ecotoxicity: Not Ecotoxic

Environmental Fate: Degrades Rapidly

SECTION XI: TRANSPORTATION INFORMATION

DOT HAZARD DESCRIPTION

DOT Proper Shipping Name: Not Hazardous
Identification Number: None
DOT Hazard Class/Division: None
Packaging Group: None
Packaging Instructions: None
Special Instructions: None
Placard: None
Emergency Response Guide#: None
US Surface Freight Class: See NMFTA Manual

IATA CLASSIFICATION

IATA Proper Shipping Name:
IATA Identification Number:
IATA Hazard Class/Division:
Packaging Group: None
IATA Bulk Packaging Inst: None
IATA Shipping Notes: None

IMO CLASSIFICATION

IMO Proper Shipping Name:
IMO Identification Number:
IMO Hazard Class/Division:
Packaging Group: None
IMO Shipping Notes: None
IMO Bulk Packaging Inst: None
IMO Stowage Category: None

SECTION XII: REGULATORY INFORMATION

SARA Title III: Not Regulated
SARA Product Classification: Not Classified
Acute: N/A
Chronic: N/A
Fire: N/A
Reactivity: N/A
Pressure Generating: Not Pressure Generating
311/312 Hazard Categories: None
313 Reportable Ingredients: None
TSCA Regulatory: As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
State Regulations: In the U.S.A. states such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.
Proposition 65 Statement: None Listed
European Classification:

SECTION XIII: OTHER INFORMATION

Memo: While this information and recommendations set forth are believed to be accurate as of the date hereof, Woodstream Corp. makes no warranty with respect hereto and disclaims all liability from reliance thereon.

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